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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/257,585DATE: 10/05/1999
TIME: 15:53:30

Input Set: I257585.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

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1 <110> APPLICANT: Sally A. Leong
2 Mark L. Farman
3 <120> TITLE OF INVENTION: Cultivar Specificity Gene from the Rice
4 Pathogen Magnaporthe grisea, and Methods of Use
5 <130> FILE REFERENCE: WARF P98067WO
6 <140> CURRENT APPLICATION NUMBER: US/09/257,585
7 <141> CURRENT FILING DATE: 1999-02-25
8 <150> EARLIER APPLICATION NUMBER: US 60/075,925
9 <151> EARLIER FILING DATE: 1998-02-25
10 <160> NUMBER OF SEQ ID NOS: 14
11 <170> SOFTWARE: FastSEQ for Windows Version 3.0
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13 <211> LENGTH: 1047
14 <212> TYPE: DNA
15 <213> ORGANISM: Magnaporthe grisea
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18 attttaacga ttaagaacgc aattcaattt tgcgttctac acaaattaac aattcgtcca 120
19 aaagaggtat ttaagcgaag atttggcatt tttttaatcc atttttaaaa aaatacatct 180
20 gctttaaccc acctttgcca aggttaccog gctagcatag ccttggttac caaaaacggc 240
21 taaagctgtc gatctatact acattcggcg ctctgaacaa ctaagcaaca gcgaggagat 300
22 cacaccctaa atcatgctgc tagtaatgcy atataatggc caaacaacgt actagaaatg 360
23 actaataagt acccagtcaa gtcaacttgc tgtagtatta tatttaacga agcgtccatt 420
24 tactgccagg gcaagtttat caatgggacc agtgttctcc ctccctctga caactcagtt 480
25 ctttgcaaac gctagacagt ctacctctct gccaccattt ttacttttca aaaattttact 540
26 ccttgccgct actgaaactt ctacaattga aagagcccac aatgaaagtc caagctacat 600
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30 tacttcccga cagatcggtc ctttctggcg attttacatc agcttacgct gacgacgatg 840
31 agtcttggtg atcaataaga gtccagggtg aaaaattcgc caccatggta atagagggtt 900
32 atttatctcg gaatagcagc cgtgtgtgca attatcacgg ctgttctctc gcgataggga 960
33 tattagaagc aggacaaatt tacggcaata gcaaccaatt gtccttgtct atggattcgc 1020
34 ccgtcgaatg gaggcgacgg cggatcc 1047
35 <210> SEQ ID NO 2
36 <211> LENGTH: 45
37 <212> TYPE: PRT
38 <213> ORGANISM: Magnaporthe grisea
39 <400> SEQUENCE: 2
40 Met Thr Asn Lys Tyr Pro Val Lys Ser Thr Cys Cys Ser Ile Ile Phe
41 1 5 10 15
42 Asn Gly Ala Ser Ile Tyr Cys Gln Gly Lys Phe Ile Asn Gly Thr Ser
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47 <211> LENGTH: 77
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49 <213> ORGANISM: Magnaporthe grisea
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52 1 5 10 15
53 Ala Arg Gln Ser Thr Ser Leu Pro Pro Phe Leu Leu Phe Lys Asn Leu
54 20 25 30
55 Leu Leu Ala Ala Thr Glu Thr Ser Thr Ile Glu Arg Ala His Asn Glu
56 35 40 45
57 Ser Pro Ser Tyr Ile Arg His Pro Tyr Arg Pro Cys Gly Leu Leu Ser
58 50 55 60
59 Ser Ser Gln Cys Leu Glu Arg Leu His His Pro Thr Leu
60 65 70 75
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62 <211> LENGTH: 89
63 <212> TYPE: PRT
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68 Phe Pro Ala Ala Asn Ala Trp Lys Asp Cys Ile Ile Gln Arg Tyr Lys
69 20 25 30
70 Asp Gly Asp Val Asn Asn Ile Tyr Thr Ala Asn Arg Asn Glu Glu Ile
71 35 40 45
72 Thr Ile Glu Glu Tyr Lys Val Phe Val Asn Glu Ala Cys His Pro Tyr
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75 65 70 75 80
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78 <210> SEQ ID NO 5
79 <211> LENGTH: 68
80 <212> TYPE: PRT
81 <213> ORGANISM: Magnaporthe grisea
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84 1 5 10 15
85 Phe Val Pro Ile Gly Ser Ile Tyr Val Val Asp Ile Ala Val Phe Ile
86 20 25 30
87 Thr Leu Asp Asp Ala Ile Phe Pro Ser Ile Gly Cys Trp Lys Val Ser
88 35 40 45
89 Arg Lys Gly Asp Lys Gly Gly Glu Cys Ser Leu Asp Phe His Cys Gly
90 50 55 60
91 Leu Phe Gln Leu

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100 Tyr Leu Leu Val Ile Ser Ser Thr Leu Phe Gly His Tyr Ile Ala Leu
101      20          25          30
102 Leu Ala Ala
103      35
104 <210> SEQ ID NO 7
105 <211> LENGTH: 34
106 <212> TYPE: PRT
107 <213> ORGANISM: Magnaporthe grisea
108 <400> SEQUENCE: 7
109 Met Arg Pro Ala Ile Pro Thr Gln Leu Tyr Phe Pro Thr Asp Arg Ser
110      1          5          10          15
111 Phe Leu Ala Ile Leu His Gln Leu Thr Leu Thr Thr Met Ser Leu Val
112      20          25          30
113 Asp Gln
114 <210> SEQ ID NO 8
115 <211> LENGTH: 54
116 <212> TYPE: PRT
117 <213> ORGANISM: Magnaporthe grisea
118 <400> SEQUENCE: 8
119 Met Val Ile Glu Gly Tyr Leu Ser Arg Asn Ser Ser Arg Val Cys Asn
120      1          5          10          15
121 Tyr His Gly Cys Ser Ser Ala Ile Gly Ile Leu Glu Ala Gly Gln Ile
122      20          25          30
123 Tyr Gly Asn Ser Asn Gln Leu Ser Leu Ser Met Asp Ser Pro Val Glu
124      35          40          45
125 Trp Arg Arg Arg Arg Ile
126      50
127 <210> SEQ ID NO 9
128 <211> LENGTH: 23
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131 <400> SEQUENCE: 9
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133 <210> SEQ ID NO 10
134 <211> LENGTH: 21
135 <212> TYPE: DNA
136 <213> ORGANISM: Magnaporthe grisea
137 <400> SEQUENCE: 10
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139 <210> SEQ ID NO 11
140 <211> LENGTH: 26
141 <212> TYPE: DNA

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149	<400> SEQUENCE: 12	
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151	<210> SEQ ID NO 13	
152	<211> LENGTH: 30	
153	<212> TYPE: DNA	
154	<213> ORGANISM: Magnaporthe grisea	
155	<400> SEQUENCE: 13	
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157	<210> SEQ ID NO 14	
158	<211> LENGTH: 30	
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160	<213> ORGANISM: Magnaporthe grisea	
161	<400> SEQUENCE: 14	
162	ggtacttatt agtccatttc tagtacgttg	30

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VERIFICATION SUMMARY
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Line ? Error/Warning

Original Text
